

Wisconsin Projections, 2005-2007

30 Occupations with the Most New Jobs

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Typical Education and Training Path ⁽⁴⁾	Avg Ann Salary ⁽⁵⁾
		2005	2007	Change	% Change		
29-1111	Registered Nurses	48,900	51,320	2,420	4.95%	Bachelor's degree ⁽⁶⁾	\$55,060
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	57,520	59,280	1,760	3.06%	Short-term on-the-job training	\$21,871
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	54,050	55,760	1,710	3.16%	Short-term on-the-job training	\$15,583
41-2031	Retail Salespersons	82,440	84,010	1,570	1.90%	Short-term on-the-job training	\$23,330
35-3031	Waiters & Waitresses	47,670	49,150	1,480	3.10%	Short-term on-the-job training	\$15,775
39-9021	Personal & Home Care Aides	22,350	23,810	1,460	6.53%	Short-term on-the-job training	\$19,200
47-2031	Carpenters	34,160	35,490	1,330	3.89%	Long-term on-the-job training	\$38,602
43-4051	Customer Service Reps	46,100	47,420	1,320	2.86%	Moderate-term on-the-job training	\$30,262
53-3032	Truck Drivers, Heavy & Tractor-Trailer	55,060	56,330	1,270	2.31%	Moderate-term on-the-job training	\$36,797
31-1011	Home Health Aides	14,370	15,450	1,080	7.52%	Short-term on-the-job training	\$20,162
41-4012	Sales Reps, Wholesale & Manufacturing, Except Technical & Scientific Products	34,380	35,410	1,030	3.00%	Moderate-term on-the-job training	\$57,978
51-2092	Team Assemblers	47,390	48,430	1,040	2.19%	Moderate-term on-the-job training	\$26,555
25-9041	Teacher Assistants	26,940	27,820	880	3.27%	Associate degree	\$23,638
25-2021	Elementary School Teachers, Except Special Education	31,690	32,560	870	2.75%	Bachelor's degree	\$45,031
39-9011	Child Care Workers	22,250	22,990	740	3.33%	Short-term on-the-job training	\$18,585
43-4171	Receptionists & Information Clerks	26,110	26,850	740	2.83%	Short-term on-the-job training	\$23,141
31-1012	Nursing Aides, Orderlies, & Attendants	38,290	38,980	690	1.80%	Postsecondary vocational training	\$23,624
11-1021	General & Operations Managers	28,690	29,360	670	2.34%	Bachelor's or higher degree, plus work exp.	\$95,592
37-2012	Maids & Housekeeping Cleaners	26,250	26,890	640	2.44%	Short-term on-the-job training	\$17,781
37-3011	Landscaping & Groundskeeping Workers	20,690	21,300	610	2.95%	Short-term on-the-job training	\$22,931
53-3033	Truck Drivers, Light or Delivery Services	24,480	25,100	620	2.53%	Short-term on-the-job training	\$24,765
25-2031	Secondary School Teachers, Except Special & Vocational Education	26,680	27,300	620	2.32%	Bachelor's degree	\$45,459
15-1031	Computer Software Engineers, Applications	8,160	8,760	600	7.35%	Bachelor's degree	\$70,386
13-2011	Accountants & Auditors	22,960	23,560	600	2.61%	Bachelor's degree	\$57,547
35-3011	Bartenders	23,540	24,120	580	2.46%	Short-term on-the-job training	\$17,552
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	54,140	54,720	580	1.07%	Short-term on-the-job training	\$23,693
49-9042	Maintenance & Repair Workers, General	27,080	27,640	560	2.07%	Long-term on-the-job training	\$34,576
43-6011	Executive Secretaries & Administrative Assistants	32,270	32,830	560	1.74%	Moderate-term on-the-job training	\$34,427
39-5012	Hairdressers, Hairstylists, & Cosmetologists	19,580	20,110	530	2.71%	Postsecondary vocational training	\$22,874
25-2011	Preschool Teachers, Except Special Education	8,690	9,190	500	5.75%	Bachelor's degree	\$24,027

Please see notes on last page.

Wisconsin Projections, 2005-2007

Occupations with the Most Annual Job Openings

SOC Code	Occupational Title	Total Annual Openings ⁽³⁾	Typical Education and Training Path ⁽⁴⁾	Avg Annual Salary ⁽⁵⁾
41-2011	Cashiers	4,200	Short-term on-the-job training	\$16,638
41-2031	Retail Salespersons	4,110	Short-term on-the-job training	\$23,330
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	3,810	Short-term on-the-job training	\$15,583
35-3031	Waiters & Waitresses	3,530	Short-term on-the-job training	\$15,775
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	2,330	Short-term on-the-job training	\$23,693
29-1111	Registered Nurses	2,120	Bachelor's degree ⁽⁶⁾	\$55,060
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	1,960	Short-term on-the-job training	\$21,871
51-2092	Team Assemblers	1,730	Moderate-term on-the-job training	\$26,555
43-5081	Stock Clerks & Order Fillers	1,620	Short-term on-the-job training	\$21,386
53-3032	Truck Drivers, Heavy & Tractor-Trailer	1,460	Moderate-term on-the-job training	\$36,797
41-4012	Sales Reps, Wholesale & Manufacturing, Except Technical & Scientific Products	1,410	Moderate-term on-the-job training	\$57,978
43-4051	Customer Service Reps	1,330	Moderate-term on-the-job training	\$30,262
43-9061	Office Clerks, General	1,280	Short-term on-the-job training	\$23,663
35-3011	Bartenders	1,200	Short-term on-the-job training	\$17,552
47-2031	Carpenters	1,170	Long-term on-the-job training	\$38,602
39-9021	Personal & Home Care Aides	1,070	Short-term on-the-job training	\$19,200
25-2021	Elementary School Teachers, Except Special Education	1,060	Bachelor's degree	\$45,031
43-4171	Receptionists & Information Clerks	1,040	Short-term on-the-job training	\$23,141
25-2031	Secondary School Teachers, Except Special & Vocational Education	1,020	Bachelor's degree	\$45,459
39-9011	Child Care Workers	1,020	Short-term on-the-job training	\$18,585
35-2021	Food Preparation Workers	970	Short-term on-the-job training	\$18,058
43-3031	Bookkeeping, Accounting, & Auditing Clerks	950	Moderate-term on-the-job training	\$29,174
25-9041	Teacher Assistants	910	Associate degree	\$23,638
37-2012	Maids & Housekeeping Cleaners	860	Short-term on-the-job training	\$17,781
43-6011	Executive Secretaries & Administrative Assistants	840	Moderate-term on-the-job training	\$34,427
11-1021	General & Operations Managers	820	Bachelor's or higher degree, plus work exp.	\$95,592
43-3071	Tellers	820	Short-term on-the-job training	\$21,051
35-9021	Dishwashers	820	Short-term on-the-job training	\$14,756
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	810	Short-term on-the-job training	\$15,238
31-1012	Nursing Aides, Orderlies, & Attendants	800	Postsecondary vocational training	\$23,624

Please see notes on last page.

Wisconsin Projections, 2005-2007

Fastest Growing Occupations (with employment of at least 500)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Typical Education and Training Path ⁽⁴⁾	Avg Annual Salary ⁽⁵⁾
		2005	2007	Change	% Change		
15-1081	Network Systems & Data Communications Analysts	4,190	4,550	360	8.59%	Bachelor's degree	\$56,789
29-1071	Physician Assistants	1,340	1,450	110	8.21%	Bachelor's degree	*
31-1011	Home Health Aides	14,370	15,450	1,080	7.52%	Short-term on-the-job training	\$20,162
15-1031	Computer Software Engineers, Applications	8,160	8,760	600	7.35%	Bachelor's degree	\$70,386
31-9092	Medical Assistants	6,050	6,480	430	7.11%	Moderate-term on-the-job training	\$27,441
47-2044	Tile & Marble Setters	750	800	50	6.67%	Long-term on-the-job training	\$45,104
25-1066	Psychology Teachers, Postsecondary	610	650	40	6.56%	Doctoral degree	\$54,160
39-9021	Personal & Home Care Aides	22,350	23,810	1,460	6.53%	Short-term on-the-job training	\$19,200
15-1032	Computer Software Engineers, Systems Software	2,790	2,970	180	6.45%	Bachelor's degree	\$76,324
45-2021	Animal Breeders	470	500	30	6.38%	Associate Degree	\$37,339
29-2021	Dental Hygienists	4,460	4,730	270	6.05%	Associate degree	\$54,203
31-9091	Dental Assistants	5,130	5,440	310	6.04%	Moderate-term on-the-job training	\$28,602
15-1071	Network & Computer Systems Administrators	5,330	5,650	320	6.00%	Bachelor's degree	\$56,246
25-1121	Art, Drama, & Music Teachers, Postsecondary	1,700	1,800	100	5.88%	Master's degree	\$51,969
25-1124	Foreign Language & Literature Teachers, Postsecondary	*	*	*	5.88%	Doctoral degree	\$50,468
25-2011	Preschool Teachers, Except Special Education	8,690	9,190	500	5.75%	Bachelor's degree	\$24,027
25-1123	English Language & Literature Teachers, Postsecondary	1,230	1,300	70	5.69%	Doctoral degree	\$56,422
25-1122	Communications Teachers, Postsecondary	880	930	50	5.68%	Doctoral degree	\$54,976
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	6,070	6,410	340	5.60%	Long-term on-the-job training	\$39,795
25-1011	Business Teachers, Postsecondary	1,820	1,920	100	5.49%	Doctoral degree	\$70,562
47-2181	Roofers	3,280	3,460	180	5.49%	Moderate-term on-the-job training	\$34,180
25-1032	Engineering Teachers, Postsecondary	550	580	30	5.45%	Doctoral degree	\$78,014
25-1021	Computer Science Teachers, Postsecondary	550	580	30	5.45%	Doctoral degree	\$65,432
25-1191	Graduate Teaching Assistants	2,950	3,110	160	5.42%	Bachelor's degree	\$24,875
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	750	790	40	5.33%	Short-term on-the-job training	\$26,650
25-1071	Health Specialties Teachers, Postsecondary	3,410	3,590	180	5.28%	Master's degree	*
25-1081	Education Teachers, Postsecondary	1,520	1,600	80	5.26%	Doctoral degree	\$49,797
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	950	1,000	50	5.26%	Short-term on-the-job training	\$29,300
19-1042	Medical Scientists, Except Epidemiologists	1,720	1,810	90	5.23%	Doctoral degree	\$51,920
13-1071	Employment, Recruitment, & Placement Specialists	3,670	3,860	190	5.18%	Bachelor's degree	\$46,133

Please see notes on last page.

Wisconsin Projections, 2005-2007

Selected Occupation Tables

Notes:

- (1) **Employment** is a count of jobs rather than people, and includes all part- and full-time nonfarm jobs. Employment also includes jobs among self-employed and unpaid family workers.
- (2) **Replacements** are an estimate of the number of job openings expected because people have permanently left a given occupation. Permanent exits occur if someone dies, retires, or otherwise leaves the labor force. Permanent exits also include openings resulting from someone permanently changing occupations. For example, a person leaves their job as a cashier and becomes a truck driver. Openings resulting from people changing employers, but staying in the same occupation are not included.
- (3) **Total openings** are the sum of new jobs and replacements. Total openings are an indication of how many new people are needed to enter a given occupation.
- (4) **Typical Education and Training Path** gives a general indication of the education or training typically needed in the occupation. There may be other pathways into the occupation, as well as additional educational, training, or licensing requirements.
 - Short-Term On-the-Job Training:** These occupations require no more than one month of on-the-job training, usually at the workplace.
 - Moderate-Term On-the-Job Training:** Training for these occupations usually occurs at the workplace and lasts from one to twelve months.
 - Long-Term On-the-Job Training:** These occupations require more than one year of on-the-job training, or combined work experience and classroom instruction.
 - Work Experience in Related Occupation:** Occupations in this category require skills and experience gained in other jobs.
 - Postsecondary Vocational Training:** These formal training programs last from a few weeks to more than a year, and are offered at vocational or technical schools.
 - Associate Degree:** This degree requires two years of full-time academic work beyond high school.
 - Bachelor's Degree:** This degree requires four or five years of full-time academic work at a college or university.
 - Master's Degree:** This degree requires one to two years of full-time study beyond a bachelor's degree.
 - Doctoral Degree:** This degree usually requires at least three years of full-time study beyond a bachelor's degree.
 - First Professional Degree:** These degrees typically require at least two years of full-time study beyond a bachelor's degree.
 - Bachelor's or higher degree, plus work experience:** These occupations require a bachelor's or higher degree, in addition to work experience in a related non-managerial position.
- (5) **Average Annual Salary:** An occupation's average hourly wage is calculated by summing the wages of all employees in a given occupation and then dividing by the total number of employees in that occupation. In most cases, the annual average salary is equal to the average hourly wage multiplied by 2,080.
- (6) Either a bachelor's or an associate degree are accepted in this occupations. It depends on the specifics of the position and the employer.

Information is derived using the 2005 OES Survey, 2005 QCEW and 2005 CES (3/05 Benchmark) data. Unpublished data from the US Bureau of Labor Statistics and US Census Bureau was also used.

To the extent possible, the projections take into account anticipated changes in Wisconsin's economy during 2006 and 2007. It is important to note that unanticipated events may affect the accuracy of these projections.

Source: Office of Economic Advisors, Wisconsin Department of Workforce Development
July 2006

Contact: *Emily Camfield, Economist*
(608) 267-9607
emily.camfield@dwd.state.wi.us